

Peak District National Park

Forecast valid from 00:00 on Friday 02 Oct 2020 until 23:59 on Saturday 03 Oct 2020

Forecast Issued on Thursday 01 Oct 2020 at 15:57

Confidence: High for an unsettled and often wet spell of weather through Friday and the weekend and a showery start to next week, but lower with regard to details of rain and winds.

Headline for Friday 02 Oct 2020: Cloudy with outbreaks of rain developing. Strengthening easterly winds.

Mountain weather hazards on Friday 02 Oct 2020

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Light rain	Light rain	Light rain
Precipitation probability							
00%	00%	10%	30%	40%	60%	70%	70%

Forecast for Friday 02 Oct 2020

Weather: Dry overnight with clear spells at first but cloud increasing. Then a mostly cloudy day with outbreaks of mainly light rain edging north across southern hills. The rain may be heavy at times, especially during the evening.

Chance of cloud free mountain/hill tops above 600m: Close to 100%, although there will be plenty of cloud above the summits gradually falling close to zero from the south as cloud becoming periods or persistent above 450m with patches below.

Visibility: Good but falling to several kilometres in rain.

Forecast for Friday 02 Oct 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 E	17/24 E	22/31 NE	24/33 NE	25/35 NE	25/35 NE	25/35 NE	24/33 NE	21/30 NE
300	8/15 E	12/21 E	16/26 NE	18/28 NE	19/29 NE	17/28 NE	17/28 NE	15/25 NE	13/22 NE
Valley	8/17 E	11/24 E	13/29 NE	14/30 NE	14/30 NE	13/28 NE	12/28 NE	11/25 NE	10/22 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/2	4/-0	4/-1	6/0	8/3	8/4	8/3	8/3	8/4
300	7/5	6/3	6/2	8/4	11/8	11/8	10/7	10/7	10/8
Valley	8/5	7/4	7/4	9/6	12/9	12/9	11/8	11/8	11/9
Freezing Level*	1300m	1300m	1400m	1600m	1600m	1600m	1800m	1900m	2000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling cold over the higher slopes, with gusts close to 50mph over higher hills through the middle of the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 01 Oct 2020	12.2mm	13.8mm	13.8mm

Forecast for Saturday 03 Oct 2020

Weather: Cloudy overnight with outbreaks of rain, the rain becoming more persistent and heavy at times towards dawn. Then a wet morning with heavy, persistent rain but the rain should clear westwards through the afternoon with some sunny spells developing. Conditions underfoot expected to become very wet with fast flowing water courses possible.

Maximum wind: Northerly 20-25mph with gusts around 40mph over higher hills, veering northeasterly during the evening.

Chance of cloud free mountain/hill tops above 600m: Little chance through the morning and early afternoon with periods of persistent cloud above 450m and patches below, but chances improve to around 75% through the afternoon with cloud becoming occasional above 600m.

Visibility: Just a few kilometres in heavy, persistent rain improving good or very good through the afternoon.

Temperature: **Valleys:** Around plus 10 Celsius rising to 13 Celsius by day
At 600m: Around plus 8 Celsius
Freezing level: Above the summits.